

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	521708	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:31
S2	9	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND diglycerol NEAR "fatty acid" NEAR ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:32
S3	5601	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:43
S4	5050564	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND HLB AND particle size	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:43
S5	2932	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND HLB AND "particle size"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/05 18:44

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S6	1269	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND HLB AND "particle size"	USPAT	OR	ON	2009/09/05 18:44
S7	285	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") SAME "particle size" AND HLB	USPAT	OR	ON	2009/09/05 18:50
S8	61	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") SAME "particle size" AND HLB AND food	USPAT	OR	ON	2009/09/05 19:30
S9	3	"6074675"	USPAT	OR	ON	2009/09/05 19:32
S10	252	("calcium pyrophosphate" "calcium phosphate" "calcium carbonate" "ferrous hydroxide" "ferrous phosphate" "ferric pyrophosphate" "ferrous carbonate" "magnesium hydroxide" "magnesium pyrophosphate" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc hydroxide" "zinc pyrophosphate") AND diglycerol WITH "fatty acid" WITH ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 13:52
S11	241	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND diglycerol WITH "fatty acid" WITH ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:40
S12	241	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND diglycerol WITH "fatty acid" WITH ester	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:41

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S13	241	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:45
S14	86	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND (food beverage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:50
S15	43	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND monoester AND (food beverage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:51
S16	1	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND monoester ADJ content AND (food beverage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/15 14:52
S17	43	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND monoester AND (food beverage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 09:00
S18	32	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol WITH "fatty acid" WITH ester) AND HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 09:02
S19	7	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND emulsifier SAME (diglycerol WITH "fatty acid" WITH ester) AND HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 15:38

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S20	0	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND emulsifier SAME (diglycerol WITH "fatty acid" WITH ester) SAME HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/16 15:38
S21	2	"20080253973"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:48
S22	7	"200402220"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:49
S23	2	"20050249952"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:49
S24	6	"2004006871"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:55
S25	3	"20030203005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:57
S26	4	"2002017875"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 12:58

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S27	20	"4310561"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:07
S28	113	"diglycerol fatty acid esters"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:09
S29	19	"diglycerol fatty acid esters" AND metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:13
S30	9	"diglycerol fatty acid esters" AND metal adj1 salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:13
S31	35	"5160759"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:29
S32	5	"1649762"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:38
S33	2	"9835565"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 13:40

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S34	1	"sunsoft Q-12 D"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:21
S35	108	"diglycerol monolaurate"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:29
S36	1880778	"diglycerol monolaurate" AND metal salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:29
S37	1880776	"diglycerol monolaurate" AND metaladj1 salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:29
S38	35	"diglycerol monolaurate" AND metal adj1 salt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:30
S39	149	"diglycerol monolaurate" OR "diglycerol monomyristate" "diglycerol monopalmitate" AND (calcium magnesium iron zinc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:54
S40	113	("diglycerol monolaurate" "diglycerol monomyristate" "diglycerol monopalmitate") AND (calcium magnesium iron zinc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 14:56

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S41	36	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND ( "diglycerol monolaurate" "diglycerol monomyristate" "diglycerol monopalmitate")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 15:10
S42	55	"5951991"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/27 15:44
S43	7	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate" dolomite) AND emulsifier SAME (diglycerol WITH "fatty acid" WITH ester) AND HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 13:25
S44	1	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate" dolomite) SAME particle AND emulsifier SAME (diglycerol WITH "fatty acid" WITH ester) AND HLB	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 13:30
S45	10	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") SAME particle AND (diglycerol adj1 monopalmitate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:22
S46	10	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") SAME particle AND (diglycerol adj1 monopalmitate) AND (water aqueous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:23
S47	17	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol adj1 monopalmitate) AND (water aqueous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:25

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S48	38	("calcium phosphate" "calcium carbonate" "ferric pyrophosphate" "magnesium oxide" "magnesium phosphate" "magnesium oxide" "zinc oxide" "zinc pyrophosphate") AND (diglycerol adj1 (monopalmitate monomyristate monolaurate)) AND (water aqueous)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:40
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